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I CLAIM AS MY INVENTION⁴
PATENT CLAIMS

1. Method for reducing the pump light at the exit of a fiber laser that is composed of a laser fiber and of a pump fiber surrounding it, characterized in that the pump fiber is entirely or partially stripped of its cladding over the last section preceding the light exit of the laser light or is manufactured such that the last section of the pump fiber is not clad or is only partially clad.

2. Method according to claim 1, characterized in that the cladding is removed such that the diameter of the cladding tapers wedge-like toward the end of the fiber.

3. Method according to claim 1 or 2, characterized in that a region of the fiber is completely stripped of the cladding toward the end of the fiber.

4. Method according to one of the claims 1 through 3, characterized in that the cladding of the fiber is removed by etching.

5. Arrangement for reducing the pump light at the exit of a fiber laser that is composed of a laser fiber and a pump fiber surrounding it, characterized in that the last section of the pump fiber is not clad or is only partially clad.

6. Arrangement according to claim 5, characterized in that the diameter of the cladding tapers wedge-like toward the end of the fiber.

7. Arrangement according to claim 6, characterized in that a region of the fiber is completely stripped of the cladding toward the end of the fiber.

8. Arrangement according to one of the claims 1 through 7, characterized in that the fiber end stripped of the cladding is roughened.

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